

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office,  
Fax No. (703) 872-9319

TOWNSEND and TOWNSEND and CREW LLP

By: Debra Ann DeBello

Debra Ann DeBello

AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE -  
EXAMINING GROUP 2832

Attorney Docket No.: 018564-002410US

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven A. Sunshine *et al.*

Application No.: 09/600,346

Filed: July 14, 2000

For: ALIGNED PARTICLE BASED  
SENSOR ELEMENTS

Examiner: Easthom, K.

AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP 2832

Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

FAX COPY RECEIVED

SEP 5 2002

TECHNOLOGY CENTER 2800

Sir:

In response to the Final Office Action mailed May 31, 2002, please amend  
this application as follows. A Petition for a one-month extension of time accompanies  
this response.

As the present amendment places the application in condition for  
allowance, Applicants respectfully request the amendments be entered.

IN THE CLAIMS:

Please cancel claims 18-28 without prejudice or disclaimer.

Please amend claims 1 and 29 as follows:

1. (Twice Amended) A sensor array for detecting an analyte in a fluid,  
said sensor array comprising: first and second sensors wherein said first sensor comprises  
a sensing region of an aligned conductive material and a nonconductive region, each of